

FIGURE 1

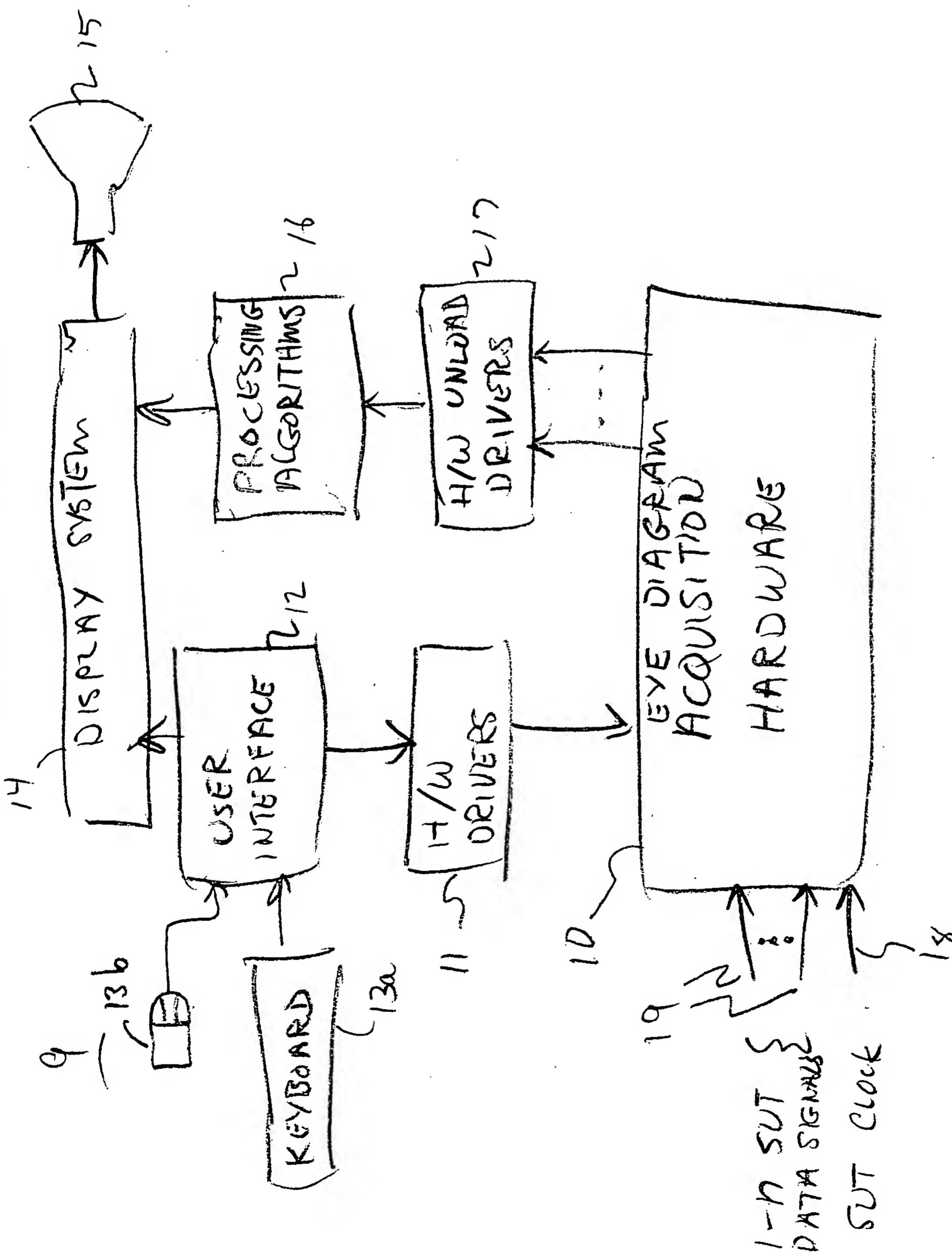


Figure 2

30

TECHNICAL DRAWING

EACH PARALLEL LINE IS A MEASUREMENT REGION: ( $V_{in}$  CROSSED  $V_T$  DURING  $dt$ )

DATA CAPTURE

REFERENCE ( $T_f$ )

$\Delta t$  (NO RELATION TO  $\Delta T_{Samp}$ )

21

A RESOLUTION

RECTANGLE OF

$\Delta V \neq \Delta T$  SELECTED

BY THE OPERATOR.

FOR USE BY THE

SYSTEM IN RENDERING

AN EYE DIAGRAM

FROM DATA

ORGANIZED AS

MEASUREMENT

REGIONS. ALSO GUIDES

IN ITS CHOICES FOR

$\Delta T_{Samp}$  AND  $\Delta V_T$ . RENDERING

APPROXIMATES WHEN  $V_{in}$  WAS  $\approx V_T$  AT  $\Delta T_{Samp}$

FIELD OF VIEW FOR DISPLAYING /

DISJOINT/OVERLAPPING RESOLUTION RECTANGLES, SINCE

IT MIGHT BE CHANGED AFTER AN EYE DIAGRAM

MEASUREMENT IS COMPLETE.

FIGURE 3

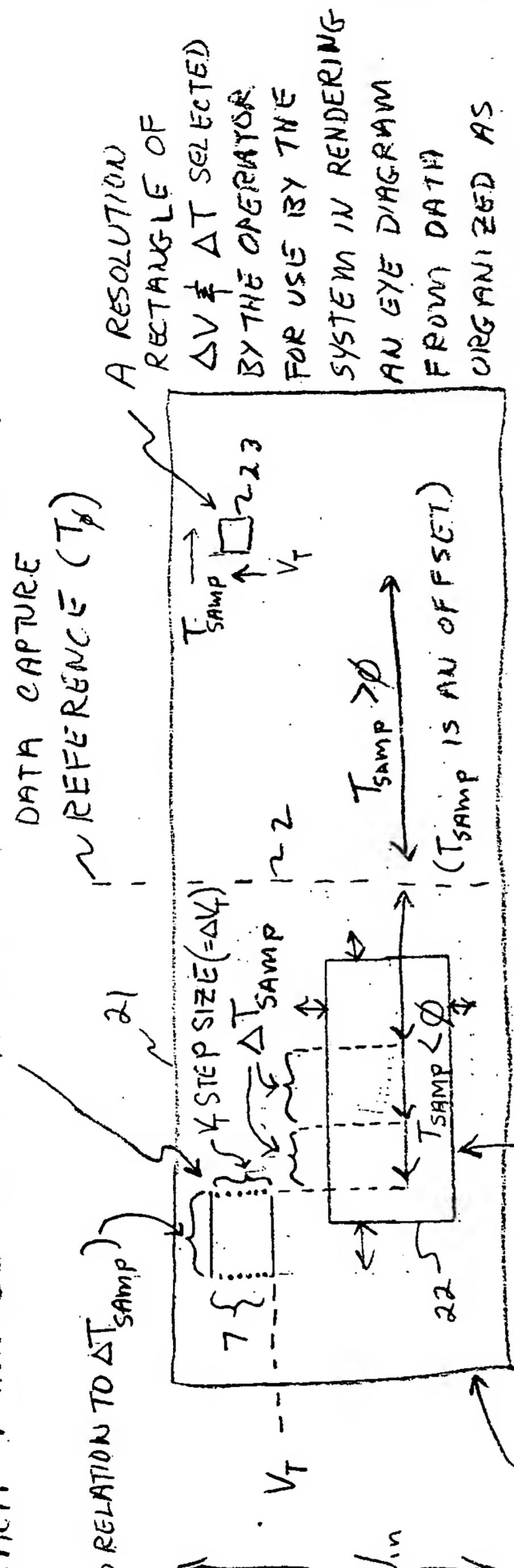
Agilent Technologies, Inc.

Case: 10011219-1

Title: Method And Apparatus For  
Performing Eye Diagram Measurements

Inv: Richard A Nygaard Jr.

Page 3 of 4



A SAMPLE  
SPACE FOR AN  
SUT DATA  
SIGNAL

A SELECTABLE SIZE FIELD OF VIEW FOR DISPLAYING /  
RENDERED EYE DIAGRAMS. WILL "CONTAIN" ADJOINING /  
DISJOINT/OVERLAPPING RESOLUTION RECTANGLES, SINCE  
IT MIGHT BE CHANGED AFTER AN EYE DIAGRAM  
MEASUREMENT IS COMPLETE.

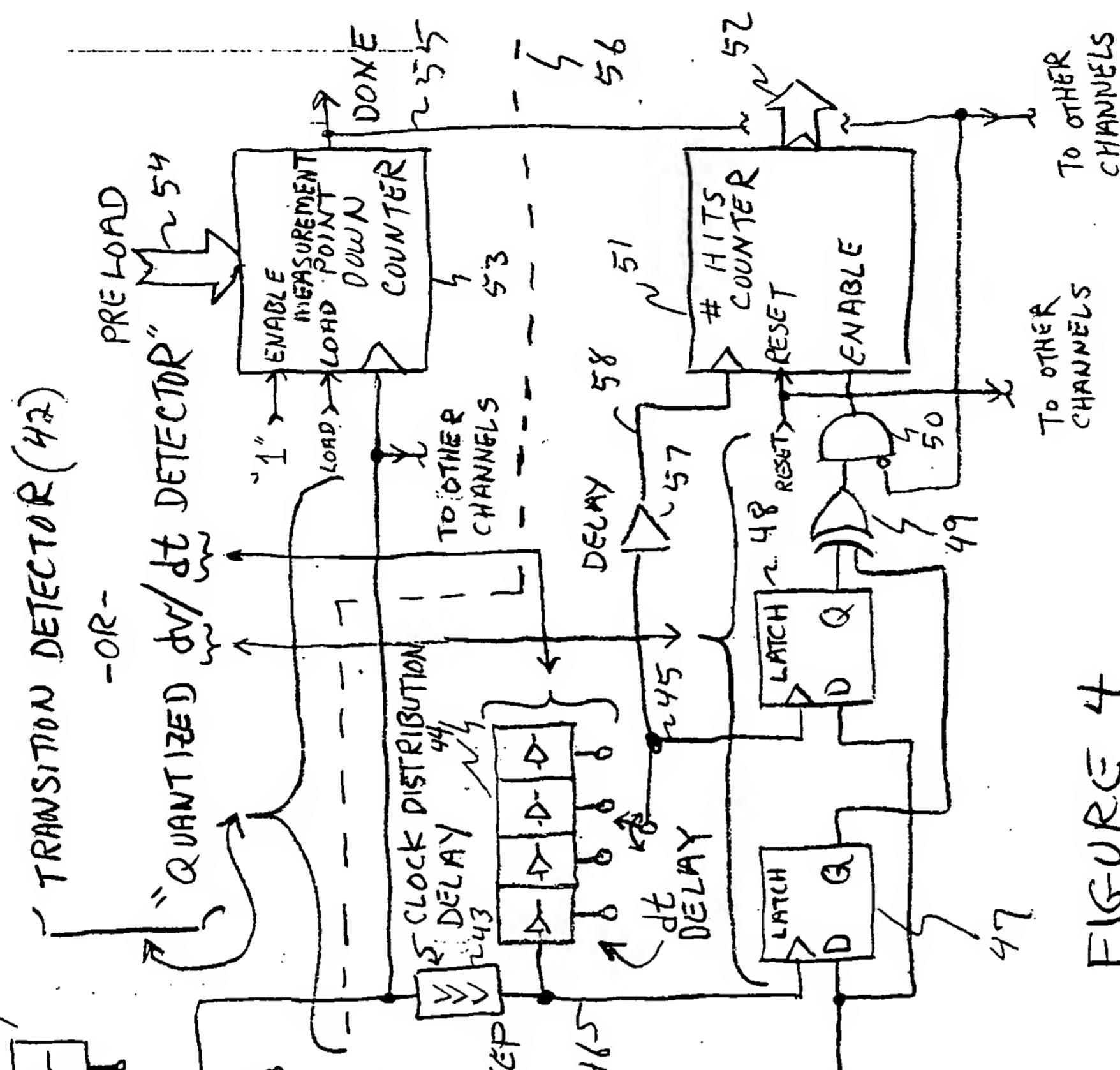
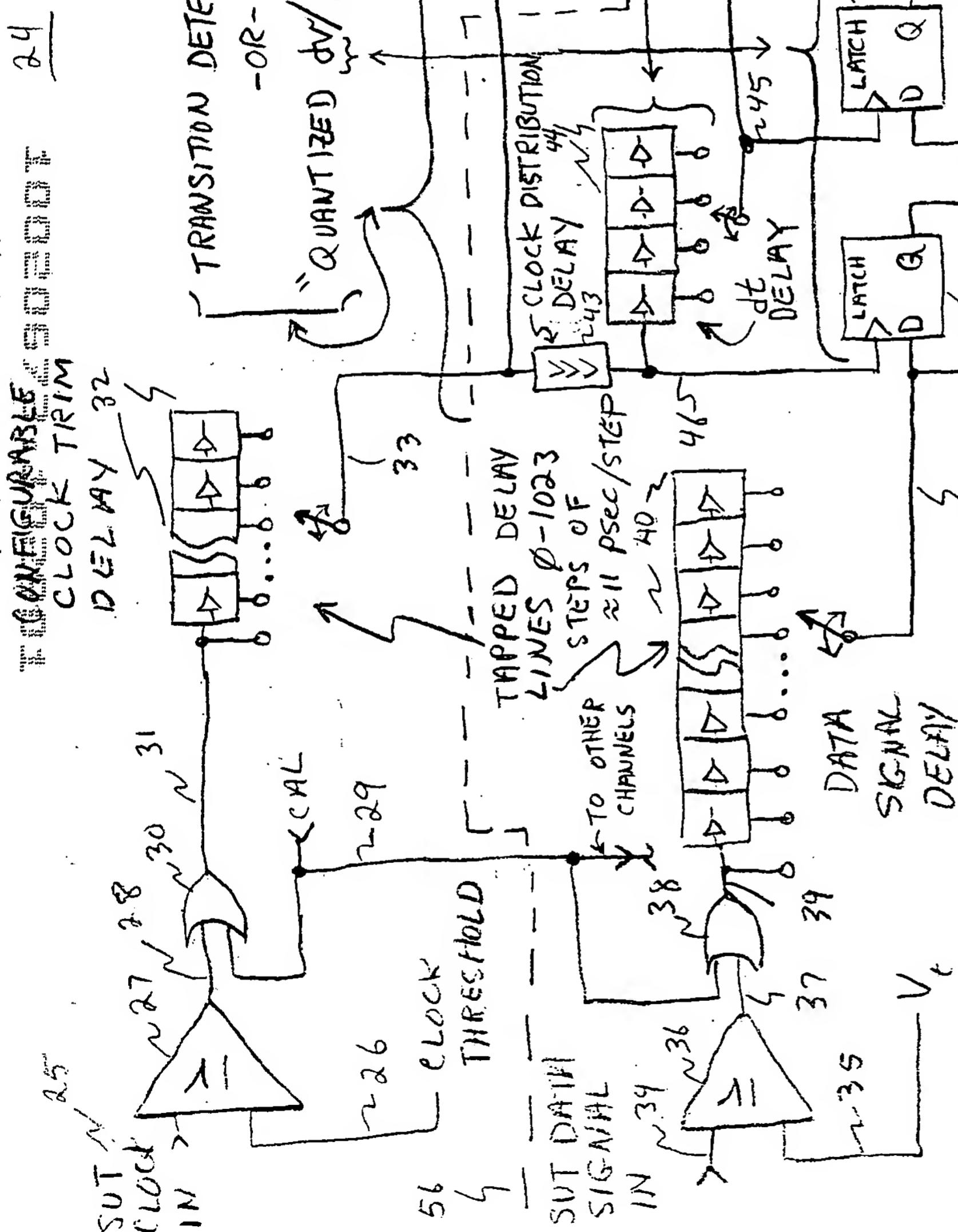


FIGURE 4